

ABSTRACT

A low electric resistance is accomplished because there are no parts connecting different components as opposed to the arrangement using an electroconductive needle member and an electroconductive coil spring, and a low electric inductance can be accomplished because the coil spring is closely wound and surface processed with highly electroconductive material, thereby providing a straight electric path along the axial direction of the closely wound portion of the coil spring. Because the coil spring portion has a uniform pitch, and the contact unit consists of closely wound portions and the uniform pitch portion, it can be formed with a simple coiling process, and the manufacturing cost can be minimized.